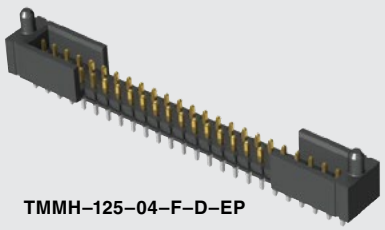
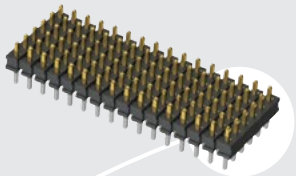
samtec


TMMH–125–04–F–D–EP


TMMH–116–04–L–6

(2.00 mm) .0787"

FLEXIBLE THROUGH-HOLE HEADER

SPECIFICATIONS

For complete specifications see www.samtec.com?TMMH

Insulator Material:
Black Liquid Crystal Polymer
Terminal Material:
Phosphor Bronze
Plating:
Sn or Au over
50 µ" (1.27 µm) Ni
Current Rating (TMMH/ESQT):
4.5 A per pin
(2 pins powered)
Current Rating (TMMH/SQT):
5.1 A per pin
(2 pins powered)
Operating Temp Range:
-55 °C to +105 °C with Tin;
-55 °C to +125 °C with Gold
Voltage Rating:
281 VAC mated with SQW;
250 VAC mated with SQT
RoHS Compliant:
Yes
Lead–Free Solderable: Yes

RECOGNITIONS

For complete scope of recognitions see www.samtec.com/quality

FILE NO. E111594

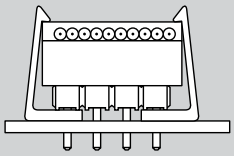
Note:
Some lengths, styles and options are non-standard, non-returnable.

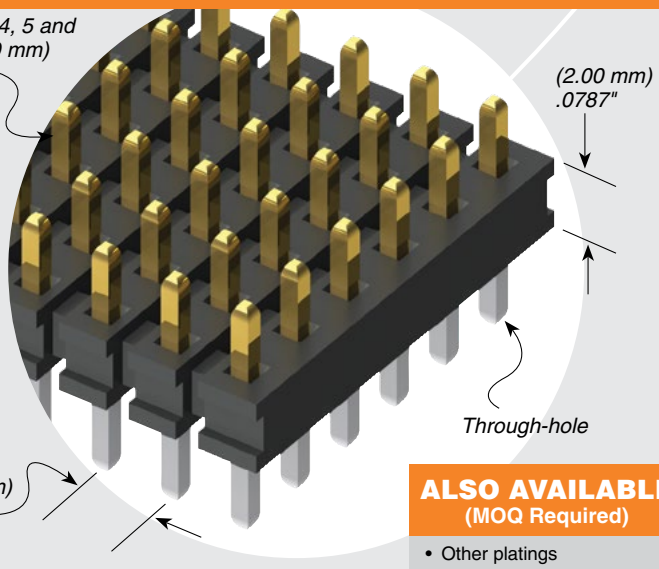
Board Mates:
CLT, SQT, SQW, ESQT, TLE, SMM, MMS

Cable Mates:
TCSD

10 YEAR MFG WITH 30 µ" GOLD
EXTENDED LIFE PRODUCT
HIGH MATING CYCLES

APPLICATION


Retention Clip Option (–RC)

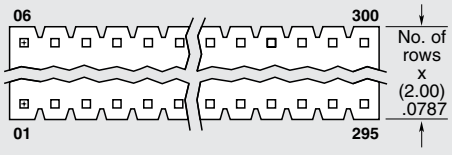


ALSO AVAILABLE (MOQ Required)

- Other platings

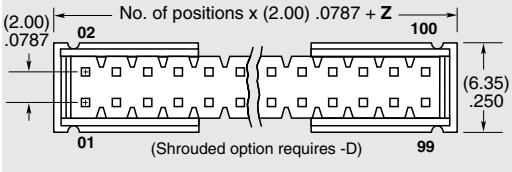
Contact Samtec.

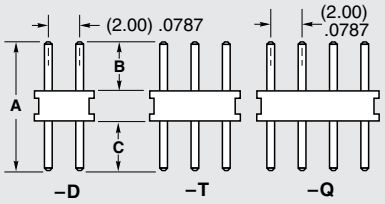
TMMH	–	1	NO. PINS PER ROW	–	LEAD STYLE	–	PLATING OPTION
			03 thru 50		Specify LEAD STYLE from chart		–F = Gold flash on post, Matte Tin on tail –L = 10 µ" (0.25 µm) Gold on post, Matte Tin on tail –T = Matte Tin

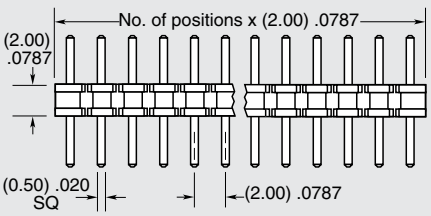


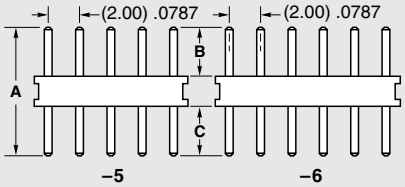
OPTION	Z
–ES	(2.92) .115
–EC	(4.70) .185
–EP & –EPC	(6.10) .240
–EL & –EBC	(4.45) .175

LEAD STYLE	A	B	C
–01	(7.67) .302	(3.20) .126	(2.46) .097
–04	(6.45) .254	(1.91) .075	(2.57) .101
–05	(5.94) .234	(1.65) .065	(2.29) .090
–06	(8.74) .344	(3.20) .126	(3.53) .139









Other Solutions

Press-fit
See PTT Series.

Surface Mount
See previous page.

Low Profile
See TMM Series.

Right-angle Four Row
See TMM Series.

Shrouded Four Row Vertical & Right-angle
See TMMS Series.

Paste In Hole (PIH) processing. Contact Samtec ASP Group for part customization.

Due to technical progress, all designs, specifications and components are subject to change without notice.

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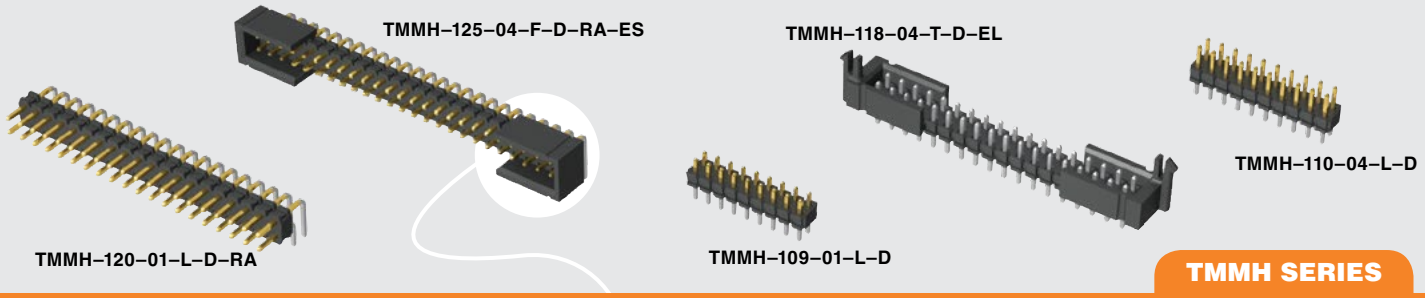
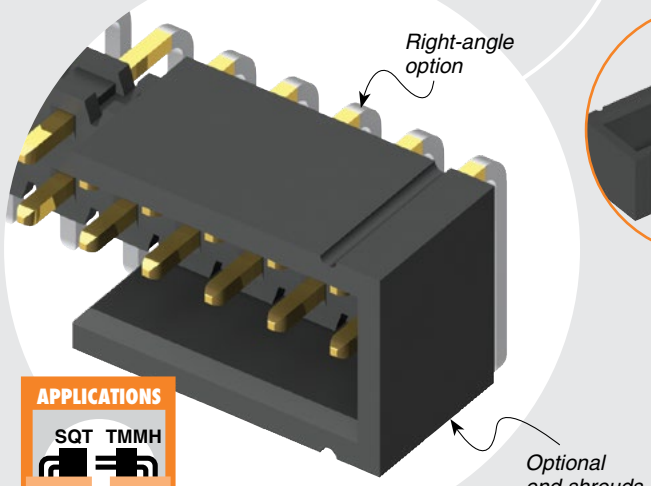
Customer specific requirements must be approved by Samtec and identified in a Samtec customer-specific drawing to apply.



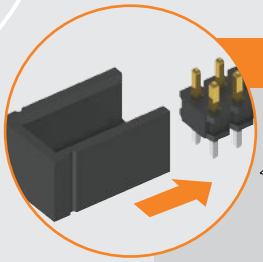
TMMH SERIES



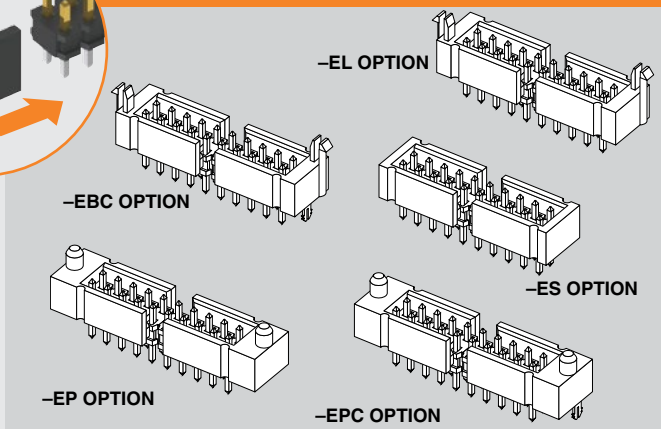
APPLICATIONS

SQT TMMH

HORIZONTAL



FLEX SHROUD OPTIONS



ROW OPTION

–D
= Double Row
(Required for Flex Shroud option)

–T
= Triple Row

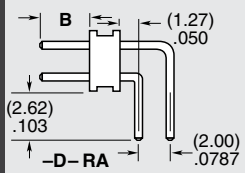
–Q
= Four Row

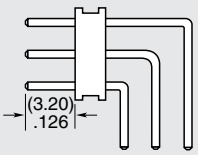
–5
= Five Row

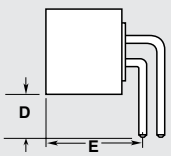
–6
= Six Row

TAIL OPTION

–RA
= Right-angle
(Double & Triple Row only)
(–ES, –EP, –EL Double Row only)
(–EC, –EBC and –EPC not available)
(–06 Lead style not available)

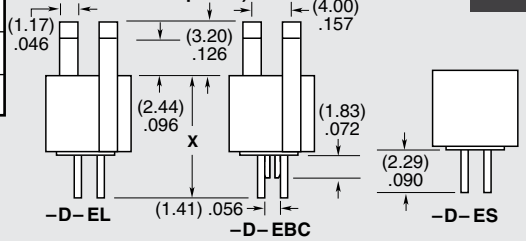


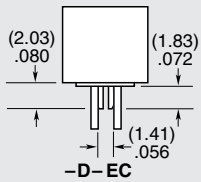


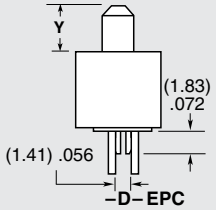


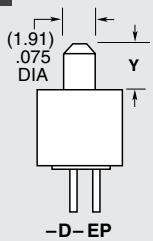
LEAD STYLE	D	E
–01	(2.34) .092	(6.60) .260
–04	(2.62) .103	(5.26) .207
–05	(3.12) .123	(5.26) .207

LEAD STYLE	X	Y
–01	(5.84) .230	(4.45) .175
–04 & –05	(4.50) .177	(3.02) .119









FLEX SHROUD OPTIONS

Flex Shroud requires -D row & 9 pins/row minimum
(For board-to-board interfaces. Will not mate with TCSD)

–ES
= End Shroud

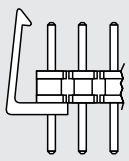
–EC
= End Shroud with Locking Clip
(Manual placement required)

–EP
= End Shroud with Guide Post

–EL
= End Shroud with Board Lock
(Boards are positively locked and cannot be unmated)

–EBC
= End Shroud with Board Lock and Locking Clip
(Boards are positively locked and cannot be unmated)

–EPC
= End Shroud with Guide Post and Locking Clip
(Manual placement required)



OTHER OPTIONS

–"XXX"
= Polarized Position
(Specify position of omitted pin)

–RC
= Retention Clip
(Mates to TCSD)
(Double row only, minimum position 4 and available only –06 lead style)

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Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Samtec:

TMMH-124-01-F-T-RA TMMH-121-01-L-Q TMMH-150-06-L-D TMMH-112-01-T-D-RA-ES TMMH-105-05-T-D-RA TMMH-118-04-L-D-RA TMMH-109-01-L-Q TMMH-133-01-F-T-RA TMMH-109-05-L-Q TMMH-109-01-L-5 TMMH-117-01-F-5 TMMH-109-05-L-5 TMMH-144-04-T-6 TMMH-132-01-T-Q TMMH-115-05-L-D TMMH-121-01-L-D-RA-ES TMMH-124-01-T-T-RA TMMH-127-01-L-T-RA TMMH-120-01-T-D-RA-ES TMMH-120-01-F-6 TMMH-130-01-L-D-RA-EP TMMH-145-01-F-Q TMMH-135-01-F-Q TMMH-110-04-F-D-RA TMMH-145-01-F-D-RA-ES